

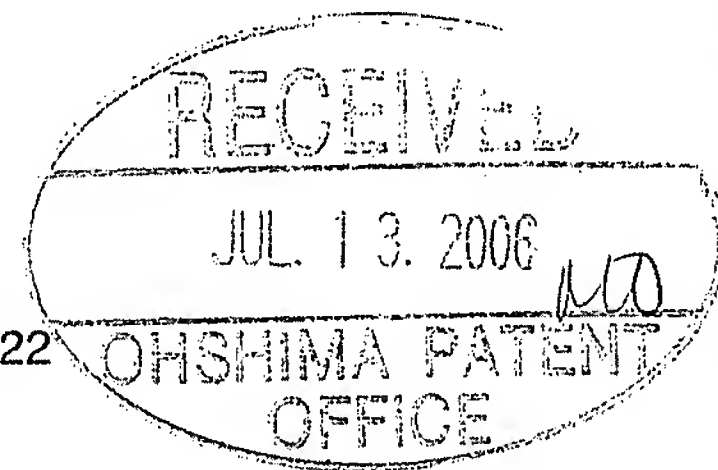
From the INTERNATIONAL BUREAU

PCT

NOTIFICATION OF TRANSMITTAL
OF COPIES OF TRANSLATION
OF THE INTERNATIONAL PRELIMINARY REPORT
ON PATENTABILITY
(CHAPTER I OR CHAPTER II
OF THE PATENT COOPERATION TREATY)
(PCT Rules 44bis.3(c) and 72.2)

To:

OHSHIMA, Masataka
Ohshima Patent Office
BN Gyoen Building
17-11, Shinjuku 1-chome
Shinjuku-ku, Tokyo 160-0022
JAPON



Date of mailing (<i>day/month/year</i>) 06 July 2006 (06.07.2006)	
Applicant's or agent's file reference G5OPH	IMPORTANT NOTIFICATION
International application No. PCT/JP2004/014774	International filing date (<i>day/month/year</i>) 30 September 2004 (30.09.2004)
Applicant OPHTECS CORPORATION et al	

1. Transmittal of the translation to the applicant.

The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter I).



The International Bureau transmits herewith a copy of the English translation of the international preliminary report on patentability (Chapter II).

2. Transmittal of the copy of the translation to the designated or elected Offices.

The International Bureau notifies the applicant that copies of that translation have been transmitted to the following designated or elected Offices requiring such translation:

None

The following designated or elected Offices, having waived the requirement for such a transmittal at this time, will receive copies of that translation from the International Bureau only upon their request:

AE, AG, AL, AM, AP, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EA, EC, EE, EG, EP, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OA, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW

3. Reminder regarding translation into (one of) the official language(s) of the elected Office(s).

The applicant is reminded that, where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary report on patentability (Chapter II).

It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned within the applicable time limit (Rule 74.1). See Volume II of the PCT Applicant's Guide for further details.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference G5OPH	FOR FURTHER ACTION	See item 4 below
International application No. PCT/JP2004/014774	International filing date (<i>day/month/year</i>) 30 September 2004 (30.09.2004)	Priority date (<i>day/month/year</i>) 06 October 2003 (06.10.2003)
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237		
Applicant OPHTECS CORPORATION		

1. This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 *bis*.1(a).

2. This REPORT consists of a total of 6 sheets, including this cover sheet.

In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.

3. This report contains indications relating to the following items:

- | | | |
|-------------------------------------|--------------|---|
| <input checked="" type="checkbox"/> | Box No. I | Basis of the report |
| <input type="checkbox"/> | Box No. II | Priority |
| <input checked="" type="checkbox"/> | Box No. III | Non-establishment of opinion with regard to novelty, inventive step and industrial applicability |
| <input type="checkbox"/> | Box No. IV | Lack of unity of invention |
| <input checked="" type="checkbox"/> | Box No. V | Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement |
| <input checked="" type="checkbox"/> | Box No. VI | Certain documents cited |
| <input type="checkbox"/> | Box No. VII | Certain defects in the international application |
| <input type="checkbox"/> | Box No. VIII | Certain observations on the international application |

4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis .2).

Date of issuance of this report
26 June 2006 (26.06.2006)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Authorized officer

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PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

TRANSLATION

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:		Date of mailing (day/month/year)	
Applicant's or agent's file reference G5OPH		FOR FURTHER ACTION See paragraph 2 below	
International application No. PCT/JP2004/014774	International filing date (day/month/year) 30.09.2004	Priority date (day/month/year) 06.10.2003	
International Patent Classification (IPC) or both national classification and IPC			
Applicant OPHTECS CORPORATION			

1. This opinion contains indications relating to the following items:

<input checked="" type="checkbox"/>	Box No. I	Basis of the opinion
<input type="checkbox"/>	Box No. II	Priority
<input checked="" type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/>	Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input checked="" type="checkbox"/>	Box No. VI	Certain documents cited
<input type="checkbox"/>	Box No. VII	Certain defects in the international application
<input type="checkbox"/>	Box No. VIII	Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/JP	Authorized officer
Facsimile No.	Telephone No.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/014774

Box No. I Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐

This opinion has been established on the basis of a translation from the original language into the following language
_____, which is the language of a translation furnished for the purposes of international search (under Rule 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

☐

a sequence listing

☐

table(s) related to the sequence listing

b. format of material

☐

in written format

☐

in computer readable form

c. time of filing/furnishing

☐

contained in the international application as filed.

☐

filed together with the international application in computer readable form.

☐

furnished subsequently to this Authority for the purposes of search.

3.

☐

In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4.

Additional comments:

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/JP2004/014774

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application

☒ claims Nos. 12-14

because:

☒ the said international application, or the said claims Nos. 12-14
relate to the following subject matter which does not require an international preliminary examination (*specify*):

The subject matters of claims 12-14 relate to a method for treatment of the human or animal body by therapy, which does not require an international preliminary examination by the International Preliminary Examining Authority in accordance with PCT Article 34(4)(a)(i) and Rule 67.1(iv).

☐ the description, claims or drawings (*indicate particular elements below*) or said claims Nos. _____
are so unclear that no meaningful opinion could be formed (*specify*):

☐ the claims, or said claims Nos. _____ are so inadequately supported
by the description that no meaningful opinion could be formed.

☒ no international search report has been established for said claims Nos. 12-14

☐ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:

the written form

☐ has not been furnished

☐ does not comply with the standard

the computer readable form

☐ has not been furnished

☐ does not comply with the standard

☐ the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.

☐ See Supplemental Box for further details.

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/JP2004/014774

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
1.	Statement		
	Novelty (N)	<div style="display: flex; justify-content: space-between;"> <div>Claims <u>1-11</u></div> <div>YES</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Claims _____</div> <div>NO</div> </div>	
	Inventive step (IS)	<div style="display: flex; justify-content: space-between;"> <div>Claims _____</div> <div>YES</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Claims <u>1-11</u></div> <div>NO</div> </div>	
	Industrial applicability (IA)	<div style="display: flex; justify-content: space-between;"> <div>Claims <u>1-11</u></div> <div>YES</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Claims _____</div> <div>NO</div> </div>	
2.	Citations and explanations:		
	<p>Document 1: JP, 10-265378, A (Ophtecs Corp.), 6 October, 1998 (06.10.98)</p> <p>Document 2: Hitoshi WATANABE, The Journal of the Eye, 1997, Vol.14, No.11, pages 1647-1653</p> <p>Document 3: Ikuko TODA, et al., The Journal of the Eye, 1991, Vol.8, No.7, pages 1021-1027</p> <p>Document 4: Satoshi SUZUKI, et al., Nichigankaishi, 1997, Vol.101, No.1, pages 52-56</p> <p>Document 5: Tsutomu INATOMI, Journal of Japan Contact Lens Society, 1999, Vol.41, No.4, pages S7-S13</p> <p>Document 6: Murato Doru, The Japanese journal of ophthalmic caring, 1 May, 2003 (01.05.03), Vol.5, No.5, pages 406-410</p> <p>Document 7: ZHANG, Y. L. et al, Journal of Colloid and Interface Science, 1 June, 2003 (01.06.03), Vol.262, No.1, pages 130-148</p> <p>* Claims 1-11:</p> <p>The subject matters of claims 1-11 do not appear to involve an inventive step in view of documents 1-7 cited in the ISR.</p> <p>Document 1 describes that 3-hydroxybutyric acid and/or its salt have a good therapeutic effect on corneal epithelial damage. Since document1 does not describe an effect for lacrimal disorders, however, the subject matters of claims 1-11 of the present application differ from that described in document1.</p> <p>As described in the documents 2-7, however, a person skilled in the art knows well that corneal epithelium closely involves stabilization and retention of lacrimal layer, a person skilled in the art could have easily conceived the idea of using 3-hydroxybutyric acid and/or its salt for treating lacrimal disorders.</p>		